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(rod near (magnetostriuctive or
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- | Title | Pub. Date | Int. Class | App. |
|--|------------|------------|------------|
| 1. <u>(WO 2007/070570) MEDICAL/SURGICAL WASTE COLLECTION AND DISPOSAL SYSTEM</u> | 21.06.2007 | A61M 1/00 | PCT/US2006 |
| A waste collection and disposal system (100) for use in health care facilities is provided. The system (100) includes a mobile waste collection unit (102) moving between use areas in the health care facility to collect waste material generated during medical procedures including blood, urine, saline, etc. The waste collection unit (102) includes stacked upper (200) and lower (202) waste containers for receiving the waste. The upper waste container (200) can be emptied into the lower waste container (202) for temporary storage. In addition, independent waste collection levels can be provided in the waste containers (200, 202) during complex procedures. Once a user desires to empty the waste collection unit (102), the waste collection unit (102) can be moved to a disposal area. | | | |
| 2. <u>(WO 2004/030706) BIOACTIVE IMPLANTS</u> | 15.04.2004 | A61L 31/00 | PCT/US2003 |
| Bioactive electrodes for implantation into existing muscles are provided that enhance the functioning of the muscles. The electrodes may be formed of myogenic cells and may be transplanted as a living package, surrounded by a biologically degradable covering, into a weak muscle. The electrodes may be coated with biologically active substances such as scaffold proteins that encourage migration and binding of myogenic cells. An electrode may slowly release trophic factors and may pre-train associated myogenic cells and/or nerve cell precursors. The electrodes may be stimulated or the electrode in vitro in the presence of the cells. By transplanting myogenic cells along with the electrode, a new muscle may be formed. | | | |
| 3. <u>(WO 2003/011136) DEVICE AND METHOD FOR MONITORING RESPIRATORY MOVEMENTS</u> | 13.02.2003 | A61B 5/113 | PCT/GB2002 |
| A device sensor (9) comprising a piezoelectric bar or rod monitors respiratory movements by picking up changes in the abdominal circumference in the cephalocaudal direction. | | | |
| 4. <u>(WO 2000/017615) PHYSIOLOGICAL SENSING DEVICE</u> | 30.03.2000 | A61B 5/021 | PCT/US1999 |
| A device (1) externally applied to an animal or human (2) to detect effects from internal biological functions. | | | |

5. (WO 1998/025113) CHARACTERISTIC DISCRIMINATING LANDMINE HAND PRODDER 11.06.1998 F41H PCT/
11/12 CA199

A hand-held prodder (1) capable of distinguishing inert rock from potentially hazardous landmines or other unknown objects. The prodder (1) includes a transducer (2) which is placed into contact with an object (8). A high frequency acoustic or incident wave is introduced into **rod** (2) and travels through the **rod** (2) to the object (8) where it is reflected back towards the **piezoelectric** crystal (10). The **piezoelectric** crystal converts the reflected wave into an electric signal which is processed by a signal processor (13) determines values representative of the frequency-time-amplitude characteristics of the object. Different mechanical impedances and frequency damping characteristics, by comparing reflected wave characteristics to pre-determined

6. (WO 1997/040666) FISH BITE DETECTOR 06.11.1997 A01K PCT/
97/12 US199

The present invention is a device for detecting the movement of a fish on a fishing line, which comes in two parts: a detecting assembly (9) which can be attached to a fishing **rod**, and a receiving device (10) which also functions as a storage box. Movement of the fish on the line causes a **piezoelectric** crystal or other sensing device. There is a rotatable control (34) for adjusting the sensitivity of the device. The sensing device generates an electric signal which is processed by electronic circuits, encoded, and transmitted as radio waves. The radio waves are received by a receiving device (10) converted back into an electric signal and decoded. When an appropriate signal is received, either a buzzer (34) or a vibrator...

Search Summary

"cell phone": 37828 occurrences in 9048 records.

alert: 169559 occurrences in 23868 records.

("cell phone" OR alert): 31168 records.

pager: 51535 occurrences in 9393 records.

(("cell phone" OR alert) OR pager): 37024 records.

rod NEAR magnetostrictive: 491 occurrences in 85 records.

rod NEAR electrodisplative: 0 occurrences in 0 records.

(rod NEAR magnetostrictive OR rod NEAR electrodisplative): 85 records.

rod NEAR piezoelectric: 180 occurrences in 78 records.

((rod NEAR magnetostrictive OR rod NEAR electrodisplative) OR rod NEAR piezoelectric): 156 records.

((("cell phone" OR alert) OR pager) AND ((rod NEAR magnetostrictive OR rod NEAR electrodisplative) OR rod NEAR piezoelectric))

Search Time: 27.14 seconds.

